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		SIGNATUR	E OF A	APPLICANT, ATTORNEY,			
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	I hereby certify that			E OF TRANSMISSION/MA is being facsimile transmit	ted to the USPTO or deposited		
	with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date						

This collection of information is required by 37/CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentialty is governed by 35/U.S.C./22 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: 477385\_1

Laura Rae Jensen

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are required to respond to a collection of information unless it displays a valid OMB control number		
Application Number	10/664,808	
Filing Date	September 17, 2003	
First Named Inventor	Ajay V. Patwardhan	
Title	POWER CONVERTER ARCHITECTURE EMPLOYING AT LEAST ONE CAPACITOR ACROSS A DC BUS	
Art Unit		
Examiner Name		
Attorney Docket Number	130209.505	

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As assignee of record of the entire interest I/we hereby elect, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor(s).									
SIGNATURE of Applicant or Assignee of Record									
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X *Total of 1 forms are submitted.									

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT UNDER 37 CFR 3.73(b)				
Applicant/Patent Owner: Ajay V. Patwardhan et al.				
Application No./Patent No.: 10/664,808	Filed/Issue Date: September 17, 2003			
	CHITECTURE EMPLOYING AT LEAST ONE			
CAPACITOR ACROSS A DC E	BUS			
Balland Bayyan Systems Comparation				
Ballard Power Systems Corporation (Name of Assignee)	(Type of Assignee, e.g., corporation, partnership,			
states that it is:	university, government agency, etc.)			
1. X the assignee of the entire right, title	e, and interest; or			
2. \( \int \) an assignee of an undivided part in				
in the patent application/patent identified				
	of the patent application/patent identified above.			
The assignment was recorded in the	ne United States Patent and Trademark Office at			
Reel, Frame, or fo	r which a copy thereof is attached.			
	, of the patent application/patent identified above, to the			
current assignee as shown below:	, or the patern application/patern identified above, to the			
1. From:	To:			
The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached				
Additional documents in the chai	n of title are listed on a supplemental sheet.			
Copies of assignments or other	documents in the chain of title are attached.			
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]				
The undersigned (whose titles are supplied below) are authorized to act on behalf of the assignee.				
Feb 16,2004	Noordin S.K. Nanji			
<u>                                      </u>	Typed or printed name			
Telephone Number	Signature			
	Corporate Secretary			
	Title			
)4-01-04 Date	Fred Flett			
Date	Typed or printed name			
313.583.5980	they took			
Telephone Number	Signature			
	Vice-President, Product Development Title			
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

130209.505

## **ASSIGNMENT**

WHEREAS, we, Ajay V. Patwardhan, Douglas K. Maly, Sayeed Ahmed and Fred Flett (hereinafter referred to as ASSIGNORS), having mailing addresses of 46213 Polo, Canton, Michigan 48187; 870 Glenullin Drive, Canton, Michigan 48187; #201 – 5634 Fordham Circle, Canton, Michigan 48187; and 4031 Pine Tree Trail, Bloomfield, Michigan 48302, respectively, are the joint inventors of an invention entitled "POWER CONVERTER ARCHITECTURE EMPLOYING AT LEAST ONE CAPACITOR ACROSS A DC BUS," as described and claimed in the specification for which an application for United States letters patent was filed on September 17, 2003 and assigned Application No. 10/664,808. This application claims the benefit of U.S. Provisional Application No. 60/471,387, filed May 16, 2003.

WHEREAS, Ballard Power Systems Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 15001 Commerce Drive North, Dearborn, Michigan 48120, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

14 Jan 04	- Antiminario
Date	Ajay V. Patwardhan
State of Michig or Wayner County of Wayner	$\frac{\sim}{\Delta v \cdot \rho}$ ss.
County of	·)
person who appeared before	I know or have satisfactory evidence that Ajay V. Patwardhan is the e me, and said person acknowledged that he signed this instrument his free and voluntary act for the uses and purposes mentioned in the
STRICIA GASHESON REFERENCE WITHER CO., NE RESION EXPERS Jam ER, MASS	Signature of Notary Public Artricia Coursian
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1458	Noy Douglas K. Maly
Date	Douglas K. Maly
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person who appeared bet	hat I know or have satisfactory evidence that Douglas K. Maly is the fore me, and said person acknowledged that he signed this instrument be his free and voluntary act for the uses and purposes mentioned in the
	Signature of Notary Public Arrive Courses
TRICIA GARANSON	My appointment expires \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\

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person who appeared be	efore me, and said person acknowle	evidence that Sayeed Ahmed is the edged that he signed this instrument e uses and purposes mentioned in the
	DatedSignature of Notary Public	Lag 14, 2008
ARTERIA CARRESON CONTRELO MARTIE CO., MI	Printed Name  My appointment expires	Aricie Coursin

02/06/09	theel Fresh
Date	Fred Flett
State of Michigan	SS.
County of Dalla	

I certify that I know or have satisfactory evidence that Fred Flett is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated File 6 2004

Signature of

Notary Public

Printed Name

My appointment expires

ARTHUR J. CHABON Notary Public State of Michigan

County of Oakland

My Commission Expires March 24, 2005

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